

ABSTRACT OF THE DISCLOSURE

A method of managing time slot interchange in transoceanic MS-SPRING networks. The method, in case of ring failure in a single span of the path installed in a transoceanic MS-SP RING with Time Slot Interchange (TSI) mechanism, comprises the step of carrying out a ring switch action by the MS-SP mechanism, and is characterized by comprising the step of re-routing the path in the time slot of the low-priority channels corresponding to the time slot of the high-priority channels of the failed span. The method according to the invention further provides for the managing of double-failure or multi-failure cases resulting in one or more nodes being isolated.